DARUL HUDA EXAMINATION BOARD
ANNUAL EXAMINATION – APRIL 2020

Time: 2hr(s) **Sub: MATHEMATICS** **Marks: 80** **Std: I**

I. FILL IN THE BLANKS 5X1=5

1. Area of rectangle .....
2. $\frac{2}{10}+\frac{4}{10}$ =.....
3. Fractions with same denominators are called.....
4. $\frac{8}{8}$ =
5. Write $\frac{111}{10}$ as decimal.....

II. WRITE TRUE OR FALSE 5X1=5

1. 5g=0.005 kg
2. 1 Rupee= 1000 paisa
3. $\frac{7}{4}$ is not a proper fraction
4. 2(5+6) = 2x5+6
5. 1 cm = $\frac{1}{10}$ m

III. MATCH THE FOLLOWING 4X1=4

1. Perimeter of equilateral triangle	a) 2(length + breadth)
2. Area of Square	b) 4x length of a side
3. Perimeter of rectangle	c) side x side
4. Perimeter of square	d) 3 x length of a side

IV. ANSWER THE FOLLOWING

1. With PQ of length 6 cm as diameter, draw a circle **(3 marks)**
2. The perimeter of a regular pentagon is 100 m. How long is its each side? **(3 marks)**

3. Compare the following **(3 marks)**

a) 0.22 and 0.216 b) 5.603 and 5.64 c) 3.3 and 3.300

4. The area of a rectangular garden 50 m long is 300 sq m. find the width of garden **(4 marks)**

5. Show on number line **(4 marks)**

a) $\frac{3}{8}$ b) $\frac{9}{4}$

6. Express the following as mixed fraction **(4 marks)**

a) $\frac{22}{7}$ b) $\frac{37}{9}$

7. Subtract the following **(4 marks)**

a) 5.350-1.070 b) 5.2-3.004

8. Sulu runs around a rectangular ground of 100 m length and 80 m width. Nibu runs around a square park of sides 90 m. Who covers more distance **(4 marks)**

9. Find the cost of fencing a rectangular park of length 175 m and width 125 m at the rate of Rs 12 per meter^2 **(4 marks)**

10. A floor is 10 m long and 6 m wide. Square carpet of sides 5 m is laid on the floor. Find area of floor that is not carpeted **(4 marks)**

11. Draw a perpendicular using ruler and compass **(4 marks)**

12. Draw a right angle and construct its bisector (without protractor) **(4 marks)**

13. Draw any line segment AB. Mark any point M on it. Through M, draw a perpendicular to AB (with ruler and compasses) **(4 marks)**

14. Find sum of the following **(5 marks)**

a) 280.69+25.2+38.632+65 b) 0.004+27.076+30.08

15. Solve the following **(6 marks)**

a) y+6=20 b) x-8=13

16. Write the following as fraction in lowest form **(6 marks)**

a) 0.04 b) 2.34 c) 0.342